



SMX 3165.2 (99-88CON1) PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Srinivasan, et al. Serial No. 10/718,196 Filed November 20, 2003 Confirmation No. Not yet assigned PARALLEL GAS CHROMATOGRAPH WITH MICRODETECTOR ARRAY

Art Unit Not yet assigned

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February 18, 2004

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VIRGINIA 22313-1450

SIR:

## INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, Applicants submit the attached PTO/SB/08A form for consideration by the Patent and Trademark Office in the aboveentitled application and to be made of record therein. In accordance with M.P.E.P. § 609, Applicants have not submitted copies of the listed references submitted with the parent application (Application No. 09/801,430, filed March 7, 2001, which claims benefit of U.S. Provisional Application No. 60/222,540, filed August 2, 2000). Applicants hereby submit reference 46, which was not submitted with the parent applications.

Respectfully submitted,

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	Sheet	11	of	4	Attorney Docket No.	SMX 3165.2 (99-88CON1)			

U.S. PATENT DOCUMENTS									
-		U.S. Patent Doc	ument		Date of Publication of Cited Document MM-DD-YYYY				
Examiner Initials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document					
	1	3,373,872		Hrdina	03/19/1968				
	2	4,424,127		Roeraade	01/02/1984				
	3	4,580,439		Manaka	04/08/1986				
	4	4,584,867		Forster	04/29/1986				
5		4,594,879		Maeda et al.	06/17/1986 04/05/1988				
		4,735,082		Kolloff					
	7	4,806,314		Fertig et al.	02/21/1989				
	8	4,893,108		Kolesar, Jr.	01/09/1990				
	9	4,985,356		Sawai et al.	01/15/1991				
	10	4,988,870		Diehl	01/29/1991 07/02/1991 09/17/1991				
	11	5,027,499		Prohaska					
	12	5,049,509		Szakasits et al.					
	13	5,141,534		Sacks et al.	08/25/1992				
· · · · · · · · · · · · · · · · · · ·	14 5,165,292			Prohaska	11/24/1992				
<del></del>	15	5,205,845		Sacks et al.	04/27/1993				
	16	5,356,756		Cavicchi et al.	10/18/1994				
Examiner Signature				Date Considered					

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB/08A						Complete if Known			
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Sheet	2	of	f 4	_	Att	orney Docket No.	SMX	(3165.2 (99-88CON1)	
<u> </u>	17	5,356,819		]		Ritschel		10/18/1994	
	18	5,376,252				Ekstrom et al.		12/27/1994	
	19	5,377,527				Kamiunten	01/03/1995		
	20 5,463,899			Zemel et al.	11/07/1995				
				Okamoto et al.	07/16/1996				
	22 5,576,626			Lo		11/19/1996			
	23 5,772,321			Rhodes		06/30/1998			
· · · · · · · · · · · · · · · · · · ·	24 5,801,297			Mifsud et al.	. 09/01/1998				
•	25	5,801,380	)			Sinha		09/01/1998	
	26	5,831,146				Newman		11/03/1998	
	27	5,872,010	)			Karger et al.		02/16/1999	
	28	5,872,306	<u> </u>			Arnold	02/16/1999		
	29	5,895,591				Kojima et al.	04/20/1999		
	30	5,918,257				Mifsud et al.	06/29/1999		
	31	5,922,106	3	_	$\perp$	Mowry et al.		07/13/1999	
	32	5,959,297	<del>,</del>			Weinberg et al.		09/28/1999	
	33	5,985,356	3			Schultz et al.		11/16/1999	
	34	6,004,617	7 			Schultz et al.		12/21/1999	
	35	6,030,917	<u>.                                    </u>		Weinberg et al. Sugimoto et al.			02/29/2000	
	36	6,062,065	5				05/16/2000		
	37	6,063,633	3			Willson		05/16/2000	
Examiner Signature						Date Considered			

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PTO/SB/08A							Complete if Known					
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Sheet	3		of	4		At	torney Docket No.	SMX	3165.2 (99-88CON	<b>\</b> 1)		
· · · · · · · · · · · · · · · · · · ·	38	6,068,6	Ω1				Overton		05/30/2000			
	39						Guan et al.		11/21/2000			
	39 6,149,882 40 6,197,198				Messinger et al.	<del></del>	03/06/2001					
	<del></del>	41 6,227,034				Trochesset		05/08/2001				
	42				Mansky et al.		08/20/2002					
	43 6,455,316						Turner et al.		09/24/2002			
		<del> </del>		FOREIG	N PA	\TE	NT DOCUMENTS					
•		T F	oreia	n Patent Docum								
Examiner Initials*	Cite No.1	Office		nber⁴	Kind Code (if know		Name of Patentee or Appli Cited Document	cant of	Date of Publication of Cited Document MM-DD-YYYY	T <sub>6</sub>		
	44	DE	41 :	36 413	A1		Ratfisch		11/05/1991			
	45	EP	0.7	19 411	B1		Moy et al.	03/03/1999				
	46	EP	1 1	78 309	A1	Symyx Technologies, Inc.			02/06/2002			
	47	GB	1,26	62,529			loonson et al.	02/02/1972				
	48	JP	620	19760			Yoshinkuni et al.	01/28/1997				
	49 WO 91/16966 50 WO 99/12626 51 WO 99/51980				Ekström et al.		11/14/1991					
					Overton		03/18/1999					
				Bennett et al.		10/14/1999						
	52	wo	99/	60396		Lipiaeinen		11/25/1999				
	53	wo	99/	64160			Symyx Technologies, Inc.		12/16/1999			
Examiner Signature	Examiner						Date Considered					

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Sheet	4		of	4		Ai	ttorney Docket No.	SMX	3165.2 (99-88CON	11)
·	-									
	54	wo	00/0	9255			Symyx Technologies, Inc.		02/24/2000	
	55	wo	00/1	4529			Symyx Technologies, Inc.		03/16/2000	
	56 WO 00/23734  57 WO 00/23921  58 WO 00/32308  59 WO 00/36410				Lechner-Fish et al.		04/27/2000			
					Symyx Technologies, Inc.		04/27/2000			
., .,					Symyx Technologies, Inc.		06/08/2000			
				Symyx Technologies, Inc.			06/22/2000			
	60 WO 00/51720		Symyx Technologies, Inc.		09/08/2000					
OTHER ART - NON PATENT LITERATURE DOCUMENTS										
Examiner Initials*	Initials*   No.1   Item (book, magazine, journal,						L LETTERS), title of the articl al, symposium, catalog, etc.) ner, city and/or country where	date, pa	ge(s), volume-issue	Τ <sup>6</sup>
61 ANGELL, J.B. et al., Silicon Micromechanical Devices, Sci. Am., April 1983, 36, pp. 44-55. 62 EHRFELD, et al., Microreactors: New Technology for Modern Chemistry, Wiley VCH, 2000. 63 EHRFELD, et al., Implementation of Microreaction Technology in Process Engineering, pp.								6, pp. 44-55.		
								ey VCH, 2000.		
								gineering, pp. 14-34.		
	EMMER, et al., Fabrication and Characterization of a Silicon Microvalve, 4 J. Microcol., September, 1992, pp. 13-15.  SCHIEWE, et al., Polymer Membranes for Product Enrichment in Microreaction Technology, pp. 550-555.								Microcol, September,	
	66	SIEME	NS, F	lexible Tools for	Maxim	num	Capability, February 21, 2001	,		

	 	<del>,                                      </del>	
Examiner	 Date		
Signature	Considered		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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